



CONSTRUCTION EQUIPMENT

HANSON AGGREGATES VOLVO L250H 1237 - DIESEL ENGINE



Sample No: VCP384060
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: HANSON AGGREGATES



160 - ASCENDUM MACHINERY INC - MILLS RIVER
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 MILLS RIVER, NC
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SAMPLE INFORMATION

Sample Number	VCP384060	---	---	---
Sample Date	17 May 2023	---	---	---
Machine Hours	14629	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	█ 13.0	---	---	---
Base Number (BN)	mg KOH/g	█ 10.2	---	---	---
Oxidation (PA)	%	80	---	---	---



CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	48	---	---	---
Sulfation (PA)	%	62	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 45	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1792	---	---	---
Magnesium	ppm	█ 540	---	---	---
Zinc	ppm	█ 951	---	---	---
Phosphorus	ppm	█ 810	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 68	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The wear metal levels do not reflect the suspected failure. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Depot: VOLVO1672
Unique No: 10481020
Signed: Jonathan Hester
Report Date: 23 May 2023



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GRAPHS

